

FORM PTO-1390  
(REV 10-2000)

U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE

ATTORNEY'S DOCKET NUMBER

**TRANSMITTAL LETTER TO THE UNITED STATES  
DESIGNATED/ELECTED OFFICE (DO/EO/US)  
CONCERNING A FILING UNDER 35 U.S.C. 371**

TI-30245

U.S. APPLICATION NO. (If known, see 37 CFR 1.5)

~~09/ 674 665~~ Doc

INTERNATIONAL APPLICATION NO.

PCT/IL 99/00227

INTERNATIONAL FILING DATE

02/05/1999

PRIORITY DATE CLAIMED

01/05/1998

TITLE OF INVENTION

**METHOD AND APPARATUS FOR CAPACITY INCREASE AND ENHANCED COMMUNICATIONS PERFORMANCE-  
IN CATV NETWORKS**

APPLICANT(S) FOR DO/EO/US

Libit Signal Processing Ltd. et al

Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:

1. ☒ This is a **FIRST** submission of items concerning a filing under 35 U.S.C. 371.
2. ☐ This is a **SECOND** or **SUBSEQUENT** submission of items concerning a filing under 35 U.S.C. 371.
3. ☐ This is an express request to promptly begin national examination procedures (35 U.S.C. 371(f)).
4. ☒ The US has been elected by the expiration of 19 months from the priority date (PCT Article 31).
5. ☒ A copy of the International Application as filed (35 U.S.C. 371(c)(2))
  - a. ☐ is attached hereto (required only if not communicated by the International Bureau).
  - b. ☒ has been communicated by the International Bureau.
  - c. ☐ is not required, as the application was filed in the United States Receiving Office (RO/US).
6. ☐ An English language translation of the International Application as filed (35 U.S.C. 371(c)(2)).
7. ☒ Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371(c)(3))
  - a. ☒ are attached hereto (required only if not communicated by the International Bureau).
  - b. ☐ have been communicated by the International Bureau.
  - c. ☐ have not been made; however, the time limit for making such amendments has NOT expired.
  - d. ☐ have not been made and will not be made.
8. ☐ An English language translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)).
9. ☐ An oath or declaration of the inventor(s) (35 U.S.C. 371(c)(4)).
10. ☐ An English language translation of the annexes to the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371(c)(5)).

Items 11 to 16 below concern document(s) or information included:

11. ☐ An Information Disclosure Statement under 37 CFR 1.97 and 1.98.
12. ☐ An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included.
13. ☐ A **FIRST** preliminary amendment.  
☐ A **SECOND** or **SUBSEQUENT** preliminary amendment.
14. ☐ A substitute specification.
15. ☐ A change of power of attorney and/or address letter.
16. ☒ Other items or information:

International Publication No. WO 99/57898

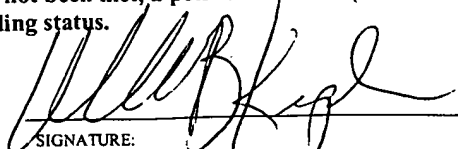
Form PCT/IB/308

Form PCT/IPEA/402

Form PCT/IPEA/409

Form PCT/IPEA/416

Form PCT/IPEA/405

|   |              |   |                   |   |    |
|---|--------------|---|-------------------|---|----|
| U.S. APPLICATION NO. (if known) <b>09/ 674 665</b>  |              | INTERNATIONAL APPLICATION NO.<br><b>PCT/IL 99/00227</b> |                   | ATTORNEY'S DOCKET NUMBER<br><b>TI-30245</b> |    |
| 17. <input checked="" type="checkbox"/> The following fees are submitted:<br><b>BASIC NATIONAL FEE (37 CFR 1.492 (a) (1) - (5)) :</b><br>Neither international preliminary examination fee (37 CFR 1.482)<br>nor international search fee (37 CFR 1.445(a)(2)) paid to USPTO<br>and International Search Report not prepared by the EPO or JPO ..... <b>\$1000.00</b><br>International preliminary examination fee (37 CFR 1.482) not paid to<br>USPTO but International Search Report prepared by the EPO or JPO ..... <b>\$860.00</b><br>International preliminary examination fee (37 CFR 1.482) not paid to USPTO but<br>international search fee (37 CFR 1.445(a)(2)) paid to USPTO ..... <b>\$710.00</b><br>International preliminary examination fee paid to USPTO (37 CFR 1.482)<br>but all claims did not satisfy provisions of PCT Article 33(1)-(4) ..... <b>\$690.00</b><br>International preliminary examination fee paid to USPTO (37 CFR 1.482)<br>and all claims satisfied provisions of PCT Article 33(1)-(4) ..... <b>\$100.00</b><br><b>ENTER APPROPRIATE BASIC FEE AMOUNT =</b> |              |   |                   | <b>CALCULATIONS</b> PTO USE ONLY            |    |
|   |              |   |                   |   |    |
| Surcharge of <b>\$130.00</b> for furnishing the oath or declaration later than <input type="checkbox"/> 20 <input checked="" type="checkbox"/> 30<br>months from the earliest claimed priority date (37 CFR 1.492(e)).  |              |   |                   | <b>\$ 860.00</b>                            |    |
|   |              |   |                   | <b>\$ 130.00</b>                            |    |
| CLAIMS  | NUMBER FILED | NUMBER EXTRA  | RATE              |   |    |
| Total claims  | - 20 =       |   | X <b>\$18.00</b>  | \$  |    |
| Independent claims  | - 3 =        |   | X <b>\$80.00</b>  | \$  |    |
| MULTIPLE DEPENDENT CLAIM(S) (if applicable)   |              |   | + <b>\$270.00</b> | \$  |    |
| <b>TOTAL OF ABOVE CALCULATIONS =</b>  |              |   |                   | <b>\$ 990.00</b>                            |    |
| <input type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27. The fees indicated above<br>are reduced by 1/2.   |              |   |                   | \$  |    |
| <b>SUBTOTAL =</b>   |              |   |                   | \$  |    |
| Processing fee of <b>\$130.00</b> for furnishing the English translation later than <input type="checkbox"/> 20 <input type="checkbox"/> 30<br>months from the earliest claimed priority date (37 CFR 1.492(f)).  |              |   |                   | \$  |    |
| <b>TOTAL NATIONAL FEE =</b>   |              |   |                   | \$  |    |
| Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be<br>accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). <b>\$40.00</b> per property  |              |   |                   | \$  |    |
| <b>TOTAL FEES ENCLOSED =</b>  |              |   |                   | \$  |    |
|   |              |   |                   | Amount to be<br>refunded:                   | \$ |
|   |              |   |                   | charged:                                    | \$ |
| a. <input type="checkbox"/> A check in the amount of \$ _____ to cover the above fees is enclosed.  |              |   |                   |   |    |
| b. <input checked="" type="checkbox"/> Please charge my Deposit Account No. <u>20-0668</u> in the amount of \$ <u>970.00</u> to cover the above fees.<br>A duplicate copy of this sheet is enclosed.  |              |   |                   |   |    |
| c. <input checked="" type="checkbox"/> The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any<br>overpayment to Deposit Account No. <u>20-0668</u> . A duplicate copy of this sheet is enclosed.  |              |   |                   |   |    |
| <b>NOTE:</b> Where an appropriate time limit under 37 CFR 1.494 or 1.495 has not been met, a petition to revive (37 CFR<br>1.137(a) or (b)) must be filed and granted to restore the application to pending status.   |              |   |                   |   |    |
| SEND ALL CORRESPONDENCE TO:   |              |   |                   |   |    |
| <b>William B. Kempler, Reg. No. 28,228</b><br><b>Texas Instruments Incorporated</b><br><b>P.O. Box 655474, M/S 3999</b><br><b>Dallas, Texas 75265</b>   |              |   |                   |   |    |
| SIGNATURE: <br><b>William B. Kempler</b><br>NAME<br><b>Reg. No. 28,228</b><br>REGISTRATION NUMBER<br><b>Date: 1 November, 2000</b>   |              |   |                   |   |    |
| <b>Via U.S. Mail Label No. EL552916153US</b>  |              |   |                   |   |    |

TRANSMITTAL LETTER TO THE UNITED STATES  
DESIGNATED/ELECTED OFFICE (DO/EO/US)  
CONCERNING A FILING UNDER 35 U.S.C. 371

TI-30245

U.S. APPLICATION NO. (If known, see 37 CFR 1.5)

TBD

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APPLICANT(S) FOR DO/EO/US

~~Libit Signal Processing Ltd. et al~~ Mordechai Segal, Ofir Shalvi, Zvi Reznice

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Form PCT/IPEA/405

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**  
**PATENT APPLICATION**

In re Application of:

Segal et al.

Docket No: TI-30245-1PCT

Application No.: PCT/IL99/00227

Art Unit: TBD

U.S. Serial No.: 09/674,665

Filed: May 2, 1999

Examiner: TBD

For: METHOD AND APPARATUS FOR  
CAPACITY INCREASE AND  
ENHANCED COMMUNICATIONS  
PERFORMANCE IN CATV NETWORKS

Date: May 10, 2001

**LETTER - REQUEST TO CORRECT DEFECT**

Assistant Commissioner for Patents  
Box PCT  
Washington, D. C. 20231

**MAILING CERTIFICATE UNDER 37 C.F.R. §1.8(a)**

I hereby certify that the above correspondence is being deposited with the  
U.S. Postal Service as First Class Mail in an envelope addressed to:  
Commissioner of Patents and Trademarks, Washington, D.C. 20231 on

5/10/01  
  
William B. Kempler

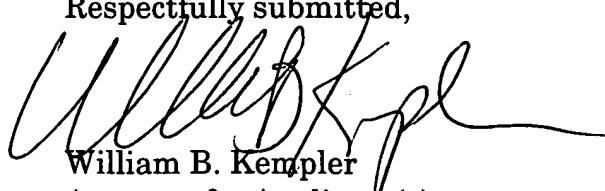
Sir:

Please correct the defect in the Transmittal Letter, as indicated on the  
attached copy, to change the applicant(s) for DO/EO/US to be the following:

Mordechai Segal  
Ofir Shalvi  
Zvi Reznice

This is consistent with the applicants for U. S. national prosecution listed in  
the PCT application (copy of cover sheet of PCT publication attached).

Respectfully submitted,

  
William B. Kempler  
Attorney for Applicant(s)  
Reg. No. 28,228

Texas Instruments Incorporated  
P. O. Box 655474 MS 3999  
Dallas, TX 75265